



## **WATER RESOURCES AUTHORITY**

### **PREQUALIFICATION OF SUPPLIERS FOR SUPPLY AND INSTALLATION OF WATER SMART METERS**

**TENDER NO.: WRA/T/07/2022-2023**

**DATE OF ISSUE: THURSDAY 27<sup>TH</sup> JANUARY, 2023**

**CLOSING DATE: THURSDAY 10<sup>TH</sup> FEBRUARY, 2023  
AT 11.00AM**

**Water Resources Authority**

**NHIF Building, Wing B, 9<sup>th</sup> Floor Ragati Road, off Ngong Road  
P.O. Box 45250-00100  
NAIROBI-KENYA**

**Tel: 0202732291/0202729048/9**

**Email: [procurement@wra.go.ke](mailto:procurement@wra.go.ke)/[info@wra.go.ke](mailto:info@wra.go.ke)**

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## INVITATION TO APPLY FOR PREQUALIFICATION

Name of Contract: **Prequalification of Suppliers for Supply and Installation of Water Smart Meters**

Contract No: **WRA/T/07/2022-2023**

Prequalification Reference No.: **WRA/T/07/2022-2023**

1. The Water Resources Authority intends to **Prequalification of Suppliers and Installation for Supply of Water Smart Meters No. WRA/T/07/2022-2023.**
2. It is expected that the Invitation to Tender will be made in **Friday 27<sup>th</sup> January, 2023.** Tendering will be conducted through **National Competitive Tendering** procedures using a standardized tender document and will be open to all applicants who prequalify.
3. Qualified and interested applicants may obtain further information and inspect the Prequalification Document during office hours 0800 to 1700 hours at the address given below.
4. A complete set of Prequalification Document in English may be purchased or obtained by interested applicants upon payment of a non-refundable fees of **Kshs.1,000.00(Kenya Shillings One Thousand)** Banker's Cheque and payable to the address given below. Tender documents may be obtained electronically from the websites [www.wra.go.ke](http://www.wra.go.ke) or [www.tenders.go.ke](http://www.tenders.go.ke). Tender documents obtained electronically will be free of charge.
5. Prequalification Document may be viewed and downloaded for free from the website [www.wra.go.ke](http://www.wra.go.ke) or [www.tenders.go.ke](http://www.tenders.go.ke). ***Applicants who download the Prequalification Document must forward their particulars immediately to [procurement@wra.go.ke](mailto:procurement@wra.go.ke) / [info@wra.go.ke](mailto:info@wra.go.ke) to facilitate any further clarification or addendum.***
6. Submit Two bid documents **ORIGINAL** and **COPY.**
7. The Tenderer shall chronologically and sequentially serialize all pages of the tender documents submitted in the format of 1,2,3,4.....including the cover page and all other attachments. The Tenderer shall perfect bind the documents (No spiral binding).
8. Applications for prequalification should be submitted by postal service, or hand/courier delivery, clearly marked envelopes and delivered to the address given below by **Friday 10<sup>th</sup> February, 2023 at 11.00pm. Electronic Tenders will not be permitted.**
9. **Late applications are liable to be rejected.**
10. Address where to submit Applications  
**Name: The Chief Executive Officer Water Resources Authority**  
**Postal Address: P.O Box 45250-00100 Nairobi**  
**Physical Address: Nairobi, Ragati Road off Ngong Road, NHIF Building Wing B, 10<sup>th</sup> Floor, (Tender Box) Room No.1005 for Registration of Bulk Documents**

Name: **Shurie M. Mohammed, OGW**

Designation: **Chief Executive Officer**

Date: **Thursday 27<sup>th</sup> January, 2023**

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## **PART 1 - APPLICATION PROCEDURES**

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## **SECTION I - INSTRUCTIONS TO APPLICANTS (ITA)**

### **A. General**

#### **1 Scope of Application**

- 1.1 The name of the Procuring Entity inviting for applications is defined in the **PDS**. The particular type of contract (works, goods or Non-Consulting Services required) and its name and description of the contract(s) and its reference number are defined in the **PDS**. If the scope of contract so defined is in multiple contracts, it will be specified in the **PDS** if prequalification will be based on individual contracts or multiple contracts. The Full scope of Works or Goods or Non-Consulting Services are described in Section V (Scope of Works or goods contract).

- 2 **Source of Funds** to be specified in the PDS, if deemed necessary.

#### **3 Fraud and Corruption**

- 3.1 The Government of Kenya requires compliance with its Anti-Corruption laws and its prevailing sanctions policies and procedures.
- 3.2 In further pursuance of this policy, Applicants shall permit and shall cause their agents (where declared or not), subcontractors, sub consultants, service providers, suppliers, and their personnel, to permit the Public Procurement Regulatory Authority (PPRA) to inspect all accounts, records and other documents relating to any initial selection process, prequalification process, tender submission (in case prequalified), proposal submission, and contract performance (in the case of award), and to have them audited by auditors appointed by the PPRA.

#### **4 Collusive practices**

- 4.1 The Procuring Entity requires compliance with the provisions of the Competition Act 2010, regarding collusive practices in contracting. Any applicant found to have engaged in collusive conduct shall be disqualified and criminal and/or civil sanctions may be imposed. To this effect, applicants shall be required to complete and sign a Certificate of Independent Tender Determination" annexed to the Form of applicant.

#### **5 Eligible Applicants**

- 5.1 Applicants shall meet the eligibility criteria as per this ITA and ITA 5.1 and 5.2. An Applicant may be a firm that is a private entity, a state-owned enterprise or institution subject to ITA 5.9 or any combination of such entities in the form of a joint venture ("JV") under an existing agreement or with the intent to enter into such an agreement supported by a letter of intent. In the case of a joint venture, all members shall be jointly and severally liable for the execution of the entire Contract in accordance with the Contract terms. The JV shall nominate a Representative who shall have the authority to conduct all business for and on behalf of any and all the members of the JV during the prequalification process, tendering (in the event the JV submits a Tender) and during contract execution (in the event the JV is awarded the Contract). Members of a joint venture may not also make an individual tender, be a subcontractor in a separate tender or be part of another joint venture for the purposes of the same Tender. The maximum number of JV members shall be specified in the PDS.
- 5.2 Public Officers of the Procuring Entity, their Spouses, Child, Parent, Brothers or Sister. Child, Parent, Brother or Sister of a Spouse, their business associates or agents and firms/organizations in which they have a substantial or controlling interest shall not be eligible to be prequalified. Public Officers with such relatives are also not allowed to participate in any procurement proceedings.
- 5.3 A firm may apply for prequalification both individually, and as part of a joint venture, or participate as a subcontractor. If prequalified, it will not be permitted to tender for the same contract both as an individual firm and as a part of the joint venture or as a subcontractor. However, a firm may participate as a subcontractor in more than one Tender, but only in

that capacity. Tenders submitted in violation of this procedure will be rejected.

- 5.4 A firm and any of its affiliates (that directly or indirectly control, are controlled by or are under common control with that firm) may submit its application for prequalification either individually, as joint venture or as a subcontractor among them for the same contract. However, if prequalified, only one prequalified Applicant will be allowed to tender for the. All Tenders submitted in violation of this procedure will be rejected.
- 5.5 An Applicant may have the nationality of any country, subject to the restrictions pursuant to ITA 5.1 and 5.2. An Applicant shall be deemed to have the nationality of a country if the Applicant is constituted, incorporated or registered in and operates in conformity with the provisions of the laws of that country, as evidenced by its articles of incorporation (or equivalent documents of constitution or association) and its registration documents, as the case may be. sub-contractors or suppliers for any part of the Contract including related Non-Consulting Services.
- 5.6 Applicants shall not have a conflict of interest. Applicants shall be considered to have a conflict of interest, if they, or any of their affiliates, participated as a consultant in the preparation of the design or technical specifications or have been hired or proposed to be hired by the Procuring Entity as Engineer for contract implementation of the contract(s) that are the subject of this prequalification. In addition, Applicants may be considered to have a conflict of interest if they have a close business or family relationship with a professional staff of the Procuring Entity who:
- a are directly or indirectly involved in the preparation of the prequalification Document or Invitation to Tender (ITT), Document or specifications of the Contract, and/or the Tender evaluation process of such Contract; or
  - b would be involved in the implementation or supervision of such Contract, unless the conflict stemming from such relationship has been resolved in a manner acceptable to the Procuring Entity throughout the prequalification, ITT process and execution of the Contract.
- 5.7 An Applicant that has been debarred shall be ineligible to be initially selected for, prequalified for, tender for, propose for, or be awarded a contract during such period of time as the PPRA shall have determined. The list of debarred firms and individuals is available at [www.ppra.go.ke](http://www.ppra.go.ke)
- 5.8 Applicants that are state-owned enterprise or institutions in Kenya may be eligible to prequalify, compete and be awarded a Contract(s) only if they can establish, in a manner acceptable to the Procuring Entity, that they (i) are legally and financially autonomous (ii) operate under commercial law, and (iii) are not under supervision of any public entity.
- 5.9 An Applicant shall not be under sanction of debarment from Tendering by the PPRA as the result of the execution of a Tender/Proposal-Securing Declaration.
- 5.10 An Applicant that is a Kenyan firm or citizen shall provide evidence of having fulfilled his/her tax obligations by producing a current tax clearance certificate or tax exemption certificate issued by the Kenya Revenue Authority.
- 5.11 An Applicant shall provide any other such documentary evidence of eligibility satisfactory to the Procuring Entity, as the Procuring Entity shall reasonably request.

## **6 Eligibility**

- 6.1 Firms and individuals may be ineligible if they are nationals of ineligible countries as indicated herein. The countries, persons or entities are ineligible if:
- a. As a matter of law or official regulations, Kenya prohibits commercial relations with that country, or
  - b. By an act of compliance with a decision of the United Nations Security Council taken under Chapter VII of the Charter of the United Nations, Kenya prohibits any import of goods or contracting of works or Non- Consulting Services from that country, or any payments to any country, person, or entity in that country.



- 6.2 When the Works, supply of Goods or provision of non-consulting services are implemented a cross jurisdictional boundary (and more than one country is a Procuring Entity, and is involved in the procurement), then exclusion of a firm or individual on the basis of ITA 5.1 (a) above by any country may be applied to that procurement a cross other countries involved, if the Procuring Entities involved in the procurement so agree.
- 6.3 Any goods, works and production processes with characteristics that have been declared by the relevant national environmental protection agency or by other competent authority as harmful to human beings and to the environment shall not be eligible for procurement.

## **B. Contents of the Prequalification Documents**

### **7 Sections of Prequalification Document**

- 7.1 This Prequalification Document consists of parts 1 and 2 which comprise all the sections indicated below, and which should be read in conjunction with any Addendum issued in accordance with ITA 8.

#### **PART 1 - Prequalification Procedures**

- i) Section I- Instructions to Applicants (ITA)
- ii) Section II - Prequalification Data Sheet (PDS)
- iii) Section III - Qualification Criteria and Requirements
- iv) Section IV- Application Forms

#### **PART 2 - Works, Goods, or Non-Consulting Services Requirements**

- i) Section VII- Scope of Works, Goods, or Non-Consulting Services

- 7.2 Unless obtained directly from the Procuring Entity, the Procuring Entity accepts no responsibility for the completeness of the document, responses to requests for clarification, the minutes of the pre-Application meeting (if any), or Addenda to the Prequalification Document in accordance with ITA 8. In case of any discrepancies, documents issued directly by the Procuring Entity shall prevail.
- 7.3 The Applicant is expected to examine all instructions, forms, and terms in the Prequalification Document and to furnish with its Application all information or documentation as is required by the Prequalification Document.

### **8 Clarification of Prequalification Documents, site visit(s) and Pre-Application Meeting**

- 8.1 An Applicant requiring any clarification of the Prequalification Document shall contact the Procuring Entity in writing at the Procuring Entity's address indicated in the **PDS**. The Procuring Entity will respond in writing to any request for clarification provided that such request is received no later than fourteen (14) days prior to the deadline for submission of the applications. The Procuring Entity shall forward a copy of its response to all prospective Applicants who have obtained the Prequalification Document directly from the Procuring Entity, including a description of the inquiry but without identifying its source. If so indicated in the **PDS**, the Procuring Entity shall also promptly publish its response at the webpage identified in the **PDS**. Should the Procuring Entity deem it necessary to amend the Prequalification Document as a result of a clarification, it shall do so following the procedure under ITA 8. And in accordance with the provisions of ITA 17.2.
- 8.2 The Applicant, at the Applicant's own responsibility and risk, is encouraged to visit and examine and inspect the Site of the required contracts and obtain all information that may be necessary for preparing the application. The costs of visiting the Site shall be at the Applicant's own expense. The Procuring Entity shall specify in the **PDS** if a pre-application meeting will be held, when and where. The Procuring Entity shall also specify in the **PDS** if a pre-arranged Site visit will be held and when. The Applicant's designated representative is invited to attend a pre- application meeting and a pre-arranged site visit. The purpose of the meetings will be to clarify issues and to answer questions on any matter that may be raised at that stage.



- 8.3 The Applicant is requested to submit any questions in writing, to reach the Procuring Entity not later than the period specified in the **PDS** before the submission date of applications.
- 8.4 Minutes of a pre-arranged site visit and those of the pre-application meeting, if applicable, including the text of the questions asked by Applicants and the responses given, together with any responses prepared after the meeting, will be transmitted promptly to all Applicants who have acquired the prequalification documents. Minutes shall not identify the source of the questions asked.
- 8.5 The Procuring Entity shall also promptly publish anonymized (*no names*) Minutes of the pre-arranged site visit and those of the pre-proposal meeting at the web page identified **in the PDS**. Any modification to the Prequalification Documents that may become necessary as a result of the pre-arranged site visit and those of the pre-application meeting shall be made by the Procuring Entity exclusively through the issue of an Addendum pursuant to PDS 8 and not through the minutes of the pre-application meeting. Non-attendance at the pre-arranged site visit and the pre-tender meeting will not be a cause for disqualification of a Tenderer.

## **9 Amendment of Prequalification Document**

- 9.1 At any time prior to the deadline for submission of Applications, the Procuring Entity may amend the Prequalification Document by issuing an Addendum.
- 9.2 Any Addendum issued shall be part of the Prequalification Document and shall be communicated in writing to all Applicants who have obtained the Prequalification Document from the Procuring Entity. The Procuring Entity shall promptly publish the Addendum at the Procuring Entity's webpage identified in the PDS.
- 9.3 To give Applicants reasonable time to take an Addendum into account in preparing their Applications, the Procuring Entity may, at its discretion, extend the deadline for the submission of Applications in accordance with ITA 17.2.

## **C. Preparation of Applications**

### **10 Cost of Applications**

- 10.1 The Applicant shall bear all costs associated with the preparation and submission of its Application. The Procuring Entity will in no case be responsible or liable for those costs, regardless of the conduct or outcome of the prequalification process.

### **11 Language of Application**

- 11.1 The Application as well as all correspondence and documents relating to the prequalification exchanged by the Applicant and the Procuring Entity, shall be written in English Language. Supporting documents and printed literature that are part of the Application may be in another language, provided they are accompanied by an accurate translation of the relevant passages in the English language, in which case, for purposes of interpretation of the Application, the translation shall govern.

### **12 Documents Comprising the Application**

- 12.1 The Application shall comprise the following:
- a. Application Submission Letter, in accordance with ITA 13.1;
  - b. Eligibility: documentary evidence establishing the Applicant's eligibility, in accordance with ITA 14.1;
  - c. Qualifications: documentary evidence establishing the Applicant's qualifications, in accordance with ITA 15; and
  - d. Any other document required as specified in the PDS.
- 12.2 The Applicant shall furnish information on commissions and gratuities, if any, paid or to be paid to agents or any other party relating to this Application.

### **13 Application Submission Letter**

- 13.1 The Applicant shall complete an Application Submission Letter as provided in Section IV (Application Forms). This Letter must be completed without any alteration to its format.

### **14 Documents Establishing the Eligibility of the Applicant**

- 14.1 To establish its eligibility in accordance with ITA 4, the Applicant shall complete the eligibility declarations in the Application Submission Letter and Forms ELI (eligibility) 1.1 and 1.2, included in Section IV (Application Forms).

### **15 Documents Establishing the Qualifications of the Applicant**

- 15.1 To establish its qualifications to perform the contract(s) in accordance with Section III, Qualification Criteria and Requirements, the Applicant shall provide the information requested in the corresponding Information Sheets included in Section IV (Application Forms).
- 15.2 Wherever an Application Form requires an Applicant to state a monetary amount, Applicants should indicate the Kenya Shilling equivalent using the rate of exchange determined as follows:
- a For construction turnover or financial data required for each Year-Exchange rate prevailing on the last day of the respective calendar year (in which the amounts for that year is to be converted).
  - b Value of single Contract-Exchange rate prevailing on the date of the contract.
- 15.3 Exchange rates shall be taken from the publicly available source identified in the PDS. Any error in determining the exchange rates in the Application may be corrected by the Procuring Entity.
- 15.4 Applicants shall be asked to provide, as part of the data for qualification, such information, including details of ownership, as shall be required to determine whether, according to the classification established by the Procuring Entity, a particular contractor or group of contractors qualifies for a margin of preference. Further the information will enable the Procuring Entity identify any actual or potential conflict of interest in relation to the procurement and/or contract management processes, or a possibility of collusion between Applicants, and thereby help to prevent any corrupt influence in relation to the procurement processor contract management.
- 15.5 The purpose of the information described in ITT 6.2 above overrides any claims to confidentiality which an Applicant may have. There can be no circumstances in which it would be justified for an Applicant to keep information relating to its ownership and control confidential where it is tendering to undertake public sector work and receive public sector funds. Thus, confidentiality will not be accepted by the Procuring Entity as a justification for an Applicant's failure to disclose, or failure to provide required information on its ownership and control.
- 15.6 The Applicant shall provide further documentary proof, information or authorizations that the Procuring Entity may request in relation to ownership and control which information on any changes to the information which was provided by the Applicant under ITT 6.3. The obligations to require this information shall continue for the duration of the procurement process and contract performance and after completion of the contract, if any change to the information previously provided may reveal a conflict of interest in relation to the award or management of the contract.
- 15.7 All information provided by the Applicant pursuant to these requirements must be complete, current and accurate as at the date of provision to the Procuring Entity. In submitting the information required pursuant to these requirements, the Applicant shall warrant that the information submitted is complete, current and accurate as at the date of submission to the Procuring Entity.
- 15.8 If an Applicant fails to submit the information required by these requirements, its application will be rejected. Similarly, if the Procuring Entity is unable, after taking

reasonable steps, to verify to a reasonable degree the information submitted by an Applicant pursuant to these requirements, then the application will be rejected.

- 15.9 If information submitted by an Applicant pursuant to these requirements, or obtained by the Procuring Entity (whether through its own enquiries, through notification by the public or otherwise), shows any conflict of interest which could materially and improperly benefit the Applicant in relation to the procurement or contract management process, then:
- a. If the procurement process is still ongoing, the Applicant will be disqualified from the procurement process,
  - b. If the contract has been awarded to that Applicant, the contract award will be set aside,
- 15.10 the Applicant will be referred to the relevant law enforcement authorities for investigation of whether the Applicant or any other persons have committed any criminal offence.
- 15.11 If an Applicant submits information pursuant to these requirements that is incomplete, inaccurate or out-of-date, or attempts to obstruct the verification process, then the consequences ITT 6.7 will ensue unless the Applicant can show to the reasonable satisfaction of the Procuring Entity that any such act was not material, or was due to genuine error which was not attributable to the intentional act, negligence or recklessness of the Applicant.

## **16 Signing of the Application and Number of Copies**

- 16.1 The Applicant shall prepare one original of the documents comprising the Application as described in ITA 11 and clearly mark it "ORIGINAL". The original of the Application shall be typed or written in indelible ink and shall be signed by a person duly authorized to sign on behalf of the Applicant. In case the Applicant is a JV, the Application shall be signed by an authorized representative of the JV on behalf of the JV and so as to be legally binding on all the members as evidenced by a power of attorney signed by their legally authorized signatories.
- 16.2 The Applicant shall submit copies of the signed original Application, in the number specified in the PDS, and clearly mark them "COPY". In the event of any discrepancy between the original and the copies, the original shall prevail.

## **D. Submission of Applications**

### **17 Sealing and Marking of Applications**

- 17.1 The Applicant shall enclose the original and the copies of the Application in a sealed envelope that shall:
- a. Bear the name and address of the Applicant;
  - b. Be addressed to the Procuring Entity, in accordance with ITA 17.1; and
  - c. Bear the specific identification of this prequalification process indicated in the PDS 1.1.
- 17.2 The Procuring Entity will accept no responsibility for not processing any envelope that was not identified as required in ITA 16.1 above.

### **18 Deadline for Submission of Applications**

- 18.1 Applicants may either submit their Applications by mail or by hand. Applications shall be received by the Procuring Entity at the address and no later than the deadline indicated in the PDS. When so specified in the PDS, Applicants have the option of submitting their Applications electronically, in accordance with electronic Application submission procedures specified in the **PDS**.
- 18.2 The Procuring Entity may, at its discretion, extend the deadline for the submission of Applications by amending the Prequalification Document in accordance with ITA 8, in which case all rights and obligations of the Procuring Entity and the Applicants subject to the previous deadline shall thereafter be subject to the deadline as extended.

### **19 Late Applications**

- 19.1 The Procuring Entity reserves the right to accept applications received after the deadline for submission of applications, unless otherwise specified in the **PDS**. If late applications will be accepted, they must be received not later than the date specified in the **TDS** after the deadline for submission of applications.

## **20. Opening of Applications**

- 20.1 The Procuring Entity shall open all Applications at the date, time and place specified in the **PDS**. Late Applications shall be treated in accordance with ITA 19.1.
- 20.2 Applications submitted electronically (if permitted pursuant to ITA 17.1) shall be opened in accordance with the procedures specified in the **PDS**.
- 20.2 The Procuring Entity shall prepare a record of the opening of Applications to include, as a minimum, the name of the Applicants. A copy of the record shall be distributed to all Applicants.

## **E. Procedures for Evaluation of Applications**

### **21 Confidentiality**

- 21.1 Information relating to the Applications, their evaluation and results of the prequalification shall not be disclosed to Applicants or any other persons not officially concerned with the prequalification process until the notification of prequalification results is made to all Applicants in accordance with ITA 28.
- 21.2 From the deadline for submission of Applications to the time of notification of the results of the prequalification in accordance with ITA 28, any Applicant that wishes to contact the Procuring Entity on any matter related to the prequalification process may do so only in writing.

### **22 Clarification of Applications**

- 22.1 To assist in the evaluation of Applications, the Procuring Entity may, at its discretion, ask an Applicant for a clarification (including missing documents) of its Application, to be submitted within a stated reasonable period of time. Any request for clarification from the Procuring Entity and all clarifications from the Applicant shall be in writing.
- 22.1 If an Applicant does not provide clarifications and/or documents requested by the date and time set in the Procuring Entity's request for clarification, its Application shall be evaluated based on the information and documents available at the time of evaluation of the Application.

### **23 Responsiveness of Applications**

- 23.1 The Procuring Entity may reject any Application which is not responsive to the requirements of the Prequalification Document. In case the information furnished by the Applicant is incomplete or otherwise requires clarification as per ITA 21.1, and the Applicant fails to provide satisfactory clarification and/or missing information, it may result in disqualification of the Applicant.

### **24 Margin of Preference**

- 24.1 Unless otherwise specified in the **PDS**, a margin of preference shall not apply in the Tendering process resulting from this prequalification.

### **25 Nominated Subcontractors**

- 25.1 Unless otherwise stated in the PDS, the Procuring Entity does not intend to execute any specific elements of the works by sub-contractors selected in advance by the Procuring Entity (so-called "Nominated Subcontractors").
- 25.2 The Applicant shall not propose to subcontract the whole of the Works or Goods. The

maximum limit of subcontracting permitted under the contract may be specified by the Procuring Entity in the Tendering Document. The Procuring Entity, in ITA 25.2, may permit the Applicant to propose subcontractors for certain specialized parts of the contract as indicated there in as ("Specialized Subcontractors"). Applicants planning to use such Specialized Subcontractors shall specify, in the Application Submission Letter, the activity(ies) or parts of the Works proposed to be subcontracted along with details of the proposed subcontractors including their qualification and experience.

## **F. Evaluation of Applications and Prequalification of Applicants**

### **26 Evaluation of Applications**

- 26.1 The Procuring Entity shall use the factors, methods, criteria, and requirements defined in Section III, Qualification Criteria and Requirements, to evaluate the qualifications of the Applicants, and no other methods, criteria, or requirements shall be used. The Procuring Entity reserves the right to waive min or deviations from the qualification criteria if they do not materially affect the technical capability and financial resources of an Applicant to perform the Contract.
- 26.2 Subcontractors proposed by the Applicant shall be fully qualified and meet the minimum specific experience criteria as specified for their parts of the proposed contract for Works or Goods or non-consulting services. The subcontractor's qualifications shall not be used by the Applicant to qualify for the Works or Goods or non- consulting services unless their parts of the Works or Goods or non-consulting services were previously designated by the Procuring Entity in the PDS as can be met by Specialized Subcontractors, in which case:
- i) The Specialized Subcontractors shall meet the minimum qualification requirements specified in Section III, and
  - ii) the qualifications with respect to specific experience of the Specialized Subcontractor proposed by the Applicant may be added to the qualifications of the Applicant for the purpose of the evaluation.
- Unless the Applicant has been determined prequalified on its own without taking into account the qualification and experience of the proposed specialized sub-contractor, the tender submitted by the Applicant shall include the same specialized sub-contractor failing which, such tender may be rejected unless a change in the specialized sub-contractor was requested by the Applicant and approved by the Procuring Entity subsequent to prequalification but before the tender submission deadline in accordance with ITA 30.
- 26.3 In case of multiple contracts, Applicants should indicate in their Applications the individual contract or combination of contracts in which they are interested. The Procuring Entity shall prequalify each Applicant for each lot and for a combination of contracts for which the Applicant has thereby indicated its interest and for which the Applicant meets the appropriate aggregate requirements the Eligibility and Qualification Criteria.
- 26.4 Further, in the case of multiple contracts, the Procuring Entity will prepare the Eligibility and Qualification Criteria Form for items 3.1, 3.2, 4.2(a) and 4.2(b) for each Lot, to be completed by applicants.
- 26.5 Only the qualifications of the Applicant shall be considered. The qualifications of other firms, including the Applicant's subsidiaries, parent entities, affiliates, subcontractors (other than Specialized Subcontractors in accordance with ITA 25.2 above) or any other firm(s) different from the Applicant shall not be considered.



**STAGE 1- PRELIMINARY (MANDATORY) EVALUATION**

Mandatory requirements will determine the satisfactory responsiveness of a Tenderer, failure to meet any of these set requirements as noted hereunder will render a tender non responsive and will automatically be disqualified and not proceed for Technical Evaluation.

**A. Mandatory Requirements**

<b>No.</b>	<b>Mandatory Requirements</b>	<b>Yes/No</b>
1.	Copy of Company Incorporation Certificate	
2.	Copy of Valid Current CR12 Form (less than a year old)	
3.	Copy of Valid Tax Compliance Certificate	
4.	Copy of Valid Business Trading License Permit from County Government	
5.	Submission of Two bid documents <b>ORIGINAL</b> and <b>COPY</b> , chronologically and sequentially serialize all pages of the tender documents submitted in the format of 1,2,3,4.....including the cover page and all other attachments. The Tenderer shall perfect bind the documents (No spiral binding).	
6.	Duly filled, signed and stamped Application Submission Letter	
7.	Duly filled and stamped Form ELI -1.1 –Applicant Information Form	
8.	Duly filled and stamped Form ELI -1.2 –Applicant’s JV Information Form (applicable for JV only)	
9.	Duly filled and stamped Form CON 2 –Historical Contract Non-Performance and Pending Litigation and Litigation History	
10.	Duly filled and stamped Form FIN -3.1 –Financial Situation and Performance	
11.	Duly filled and stamped Form FIN -3.2 –Average Annual Supply Contract Turnover	
12.	Duly filled and stamped FORM CON -2; Historical Contract No-Performance. Pending Litigation and Litigation History	
13.	Duly filled and stamped FORM FIN -3.1; Financial Situation and Performance	
14.	Duly filled and stamped FORM FIN -3.2; Average Annual Construction Turnover	
15.	Duly filled and stamped Form EXP -4.1 –General Supply or Service Contract Experience	
16.	Duly filled and stamped Form EXP -4.2(a) –Specific Contract Management Experience or Supply or Service Contract Experience	
17.	Duly filled and stamped Form EXP -4.2(a)(cont.) –Specific Contract Management Experience (cont.)	
18.	Duly filled and stamped Form 4.2(b) –Construction Experience or Supply or Service Contract in Key Activities	
	<b>Mandatory Technical Requirements</b>	
19.	Manufacturer’s Authorization Certificate/Letter to sell the water smart meters	
20.	Accreditation by the manufacturer as a smart meter installer	
21.	Catalogues and/or Brochures for the smart meters	
22.	Evidence of ISO Certification of manufactures product (Smart meters)	
23.	Manufacturer’s Calibration Certificate	
	<b>Mandatory Post qualification</b>	
Before final shortlisting of the successful bidder(s), the bidder(s) <b><i>shall be required to submit 2No. samples of water smart meters i.e Ultrasonic Water Meter and Electromagnetic Flow Meter, demonstrate installation and configuration to the WRA Meter Data Management Platform at bidder’s own cost.</i></b>		

**Note:**

*All the Statutory documents will be verified with the relevant organizations by the evaluation committee*

*The tenderers who do not satisfy any of the above requirements shall be considered Non-Responsive.*

**27 Procuring Entity's Right to Accept or Reject Applications**

27.1 The Procuring Entity reserves the right to accept or reject any Application, and to annul the prequalification process and reject all Applications at any time, without thereby incurring any liability to the Applicants.

**28 Prequalification of Applicants**

28.1 All Applicants whose Applications substantially meet or exceed the specified qualification requirements will be prequalified by the Procuring Entity. The Procuring Entity shall notify all Applicants in writing of the names of those Applicants who have been prequalified or conditionally prequalified. In addition, those Applicants who have been disqualified will be informed separately.

28.32 Applicants that have not been prequalified may write to the Procuring Entity to request, in writing, the grounds on which they were disqualified.

**28 Invitation to Tender**

29.1 Promptly after the notification of the results of the prequalification, the Procuring Entity shall invite Tenders from all the Applicants that have been prequalified or conditionally prequalified.

28.2 Applicants may be required to provide a Tender Security or a Tender-Securing Declaration acceptable to the Procuring Entity in the form and an amount to be specified in the tendering document.

28.3 The successful Applicant shall be required to provide a Performance Security as specified in the tendering document.

**29 Changes in Qualifications of Applicants**

30.1 Any change in the structure or formation of an Applicant after being prequalified in accordance with ITA 27 and invited to tender (including, in the case of a JV, any change in the structure or formation of any member and also including any change in any specialized subcontractor whose qualifications were considered to prequalify the Applicant) shall be subject to the written approval of the Procuring Entity prior to the deadline for submission of Tenders. Such approval shall be denied if (i) a prequalified applicant proposes to associate with a disqualified applicant or in case of a disqualified joint venture, any of its members; (ii) as a consequence of the change, the Applicant no longer substantially meets the qualification criteria set forth in Section III (Qualification Criteria and Requirements); or (iii) in the opinion of the Procuring Entity, the change may result in a substantial reduction in competition. Any such change should be submitted to the Procuring Entity not later than fourteen (14) days after the date of the Invitation to Tender.

**31 Procurement Related Complaints and Administrative Review**

31.1 The procedures for making a Procurement-related Complaint are as specified in the PDS.

31.2 A request for administrative review shall be made in the form provided.





## SECTION II - PREQUALIFICATION DATA SHEET (PDS)

Reference to ITC Clause	PARTICULARS OF APPENDIX TO INSTRUCTIONS TO TENDERS
<b>A. General</b>	
ITA 1.1	<p>The Procuring Entity is: <b>WATER RESOURCES AUTHORITY P.O BOX 45250-001001 NAIROBI</b></p> <p>The identification of the Invitation for Prequalification is: <b>WRA/T/07/2022-2023</b></p> <p>The particular type of contract is on; <b>PREQUALIFICATION OF SUPPLIERS FOR SUPPLY AND INSTALLATION OF WATER SMART METERS</b></p>
ITA 5.2	Maximum number of members in the JV shall be: <b>ONE</b>
<b>B. Contents of the Prequalification Document</b>	
ITA 8.1	<p>For clarification purposes, the Procuring Entity's address is:</p> <p><b>WATER RESOURCES AUTHORITY P.O BOX 45250-00100 NAIROBI, NHIF BUILDING 10<sup>TH</sup> FLOOR WING B</b></p> <p>Attention: <b>PRINCIPAL SUPPLY CHAIN MANAGEMENT OFFICER</b></p> <p>Physical Address: <b>NHIF BUILDING 10<sup>TH</sup> FLOOR WING B</b></p> <p>Telephone: <b>0202732291/0202729048/9</b></p> <p>Electronic mail address: <a href="mailto:procurement@wra.go.ke">procurement@wra.go.ke</a> / <a href="mailto:info@wra.go.ke">info@wra.go.ke</a></p>
ITA 8.2	A pre-application meeting will <b>NOT</b> be held
ITA 8.3	Questions and requests for clarification made in writing or by email shall reach the Procuring Entity not later than <b>NOT APPLICABLE</b>
ITA 8.5	Minutes of the pre-arranged site visit and those of the pre-proposal meeting at the web page <b>NOT APPLICABLE</b> .
ITT 9.2	Addendum issued shall be published at the website <a href="http://www.wra.go.ke">www.wra.go.ke</a> and ppip <a href="http://www.tenders.go.ke">www.tenders.go.ke</a>
ITA 8.2	Pre-Application Meeting will <b>NOT</b> be held
<b>C. Preparation of Applications</b>	
ITA 12.1 (d)	The Applicant shall submit with its Application, the following additional documents <b>NOT APPLICABLE</b>
ITA 15.2(b)	The source for determining exchange rates is <b>NOT APPLICABLE</b>
ITA 16.2	In addition to the original, the number of copies to be submitted with the Application is: <b>ONE</b>
<b>D. Submission of Applications</b>	
ITA 17.1	<p>The deadline for Application submission is:</p> <p>Date: <b>FRIDAY 10<sup>TH</sup> FEBRUARY, 2023</b></p> <p>Time: <b>11.00AM</b></p> <p>For Application submission purposes only, the Procuring Entity's address is:</p> <p>Name: <b>Water Resources Authority</b></p> <p>Physical Address: <b>Nairobi, Ragati Road off Ngong Road, NHIF Building Wing B, 10<sup>th</sup> Floor, Room No.1005</b></p> <p>Postal Address: <b>45250-00100 Nairobi</b></p> <p>Contact Person: <b>Principal Supply Chain Management Officer;</b></p> <p>Tel: <b>0202732291/0202729048/9;</b></p> <p>Email: <a href="mailto:procurement@wra.go.ke">procurement@wra.go.ke</a> / <a href="mailto:info@wra.go.ke">info@wra.go.ke</a></p>

Reference to ITC Clause	PARTICULARS OF APPENDIX TO INSTRUCTIONS TO TENDERS
<b>A. General</b>	
ITA 18.1	Late Applications will be returned unopened to the Applicants.
ITA 19.1	The Procuring Entity <b>WILL NOT</b> accept late applications.
ITA 20.1	<p>The opening of the Applications shall be at;</p> <p><b>Name: Water Resources Authority</b></p> <p><b>Physical address: Nairobi, Ragati Road off Ngong Road, NHIF Building Wing B, 10<sup>th</sup> Floor, Room No.1005</b></p>
<b>E. Procedures for Evaluation of Applications</b>	
ITA 24.1	A margin of preference <b>SHALL NOT</b> apply.
ITA 25.1	At this time the Procuring Entity <b>DOES NOT INTEND</b> to execute certain specific parts of the Works by sub-contractors selected in advance.
ITA 31.1	<p>An Applicant wishes to make a Procurement-related Complaint, the Applicant should submit its complaint in writing (by the quickest means available, that is either by hand delivery or email), to:</p> <p>For the attention: <b>CHIEF EXECUTIVE OFFICER</b></p> <p>Procuring Entity: <b>WATER RESOURCES AUTHORITY</b></p> <p>Email address: <a href="mailto:procurement@wra.go.ke">procurement@wra.go.ke</a> / <a href="mailto:info@wra.go.ke">info@wra.go.ke</a></p> <p>In summary, at this stage, a Procurement-related Complaint may challenge any of the following:</p> <p>the terms of the Prequalification Documents; and</p> <p>the Procuring Entity's decision not to prequalify an Applicant.</p>

### **SECTION III - QUALIFICATION CRITERIA AND REQUIREMENTS**

1. This section contains all the methods, criteria, and requirements that the Procuring Entity shall use to evaluate Applications, all in one Form “Eligibility and Qualification Criteria”. The information to be provided in relation to each requirement and the definitions of the corresponding terms are included in the Form.
2. The Procuring Entity shall insert one Form for each Lot or Contract in case of multiple contracts.
3. This form is generic and refers to works and construction. In case of Supply of Goods or Non-Consulting Services, the form shall be amended to read Goods or Non-Consulting Services as appropriate.

Eligibility and Qualification Criteria			Compliance Requirements				Document/ Form
FOR LOT _____ (in case of Multiple contracts)							
No .	Subject	Requirement	Single Entity	Joint Venture (existing or intended)			Submission Requirement
				All Members Combined	Each Member	One Member	
1. Eligibility							
1. 1	Nationality	Nationality in accordance with ITA 5.6	Must meet requirement	Must meet requirement	Must meet requirement	N/A	Forms ELI – 1.1 and 1.2, with attachments
1. 2	Conflict of Interest	No conflicts of interest in accordance with ITA 5.7	Must meet requirement	Must meet requirement	Must meet requirement	N/A	Application Submission Letter
1. 3	Eligibility	Not declared ineligible by not meeting any of the conditions in ITA 5 and 6.	Must meet requirement	Must meet requirement	Must meet requirement	N/A	Application Submission Letter
1. 4	State-owned Entity in Kenya	Applicant required to meet conditions of ITA 5.9	Must meet requirement	Must meet requirement	Must meet requirement	N / A	Forms ELI -1.1 and 1.2, with attachments
1. 5	United Nations resolution or laws of Kenya	Not having been excluded as a result of prohibition in the laws of Kenya or official regulations against commercial relations with Kenya, or by an act of compliance with UN Security Council resolution, both in accordance with ITA 6.1 and 6.2 and Section V.	Must meet requirement	Must meet requirement	Must meet requirement	N/A	Forms ELI – 1.1 and 1.2, with attachments

Eligibility and Qualification Criteria			Compliance Requirements				Document/ Form
No.	Subject	Requirement	Single Entity	Joint Venture (existing or intended)			Submission Requirement
				All Members Combined	Each Member	One Member	
2. Historical Contract Non-Performance							
2.1	History of Non-Performing Contracts	Non-performance of a contract <sup>1</sup> did not occur as a result of contractor's default since 1 <sup>st</sup> January <i>[insert year]</i> .	Must meet requirement <sup>1</sup>	Must meet requirements	Must meet requirement <sup>2</sup>	N/A	Form CON-2
2.2	Suspension Based on Execution of Tender/Proposal Securing Declaration by the Procuring Entity	Not under suspension based on execution of a Tender/Proposal Securing Declaration pursuant to ITA 5.10.	Must meet requirement	Must meet requirement	Must meet requirement	N/A	Application Submission Letter
2.3	Pending Litigation	Applicant's financial position and prospective long-term profitability still sound according to criteria established in 3.1 below and assuming that all pending litigation will be resolved against the Applicant	Must meet requirement	N/A	Must meet requirement	N/A	Form CON – 2
2.4	Litigation History	No consistent history of court/arbitral award decisions against the Applicant <sup>3</sup> since 1 <sup>st</sup> January <i>[insert year]</i>	Must meet requirement	Must meet requirement	Must meet requirement	N/A	Form CON – 2
3. Financial Situation and Performance							
3.1	Financial Capabilities	(i) The Applicant shall demonstrate that it has access to, or has available, liquid assets, unencumbered real assets, lines of credit, and other financial means (independent of any contractual advance payment) sufficient to meet the construction cash flow requirements estimated as <i>[insert amount in KENYA]</i>	Must meet requirement	Must meet requirement	N/A	N/A	Form FIN – 3.1, with attachments

<sup>1</sup> Nonperformance, as decided by the Procuring Entity, shall include all contracts where (a) nonperformance was not challenged by the contractor, including through referral to the dispute resolution mechanism under the respective contract, and (b) contracts that were so challenged but fully settled against the contractor. Nonperformance shall not include contracts where Procuring Entity's decision was overruled by the dispute resolution mechanism. Nonperformance must be based on all information on fully settled disputes or litigation, i.e. dispute or litigation that has been resolved in accordance with the dispute resolution mechanism under the respective contract and where all appeal instances available to the applicant have been exhausted.

<sup>2</sup> This requirement also applies to contracts executed by the Applicant as JV member.

<sup>3</sup> The Applicant shall provide accurate information on the related Application Form about any litigation or arbitration resulting from contracts completed or ongoing under its execution over the last five years. A consistent history of awards against the Applicant or any member of a joint venture may result in rejection of the Application.

[illegible]



Eligibility and Qualification Criteria			Compliance Requirements				Document/ Form
No.	Subject	Requirement	Single Entity	Joint Venture (existing or intended)			Submission Requirement
				All Members Combined	Each Member	One Member	
		and substantially <sup>4</sup> completed as a prime contractor, joint venture member <sup>5</sup> , management contractor or subcontractor between 1st January <i>[insert year]</i> and Application submission deadline:		<sup>6</sup>		<i>activities and the corresponding minimum requirements to be met by one member otherwise state: "N/A"]</i>	
4.2 (b)		<p>For the above and any other contracts [substantially completed and under implementation] as prime contractor, joint venture member, or sub-contractor between 1st January <i>[insert year]</i> and Application submission deadline, a minimum construction experience in the following key activities successfully completed<sup>7</sup>: <i>[list key activities indicating volume, number or rate of production as applicable.</i></p> <p><i>Under 4.2(a), specified requirements define similarity of contracts, whereas the key activities or production rates to be specified under 4.2 (b) define the required capability of the Applicant to execute the Works. There shall not be any inconsistency or repetition of requirement between 4.2(a) and 4.2(b). For the rate of production, specify that the rate of production shall be on the</i></p>	Must meet requirements <i>[Specify activities that may be met through a specialized subcontractor, if permitted in accordance with ITA 25.2]</i>	Must meet requirements <i>[Specify activities that may be met through a Specialized Subcontract or, if permitted in accordance with ITA 25.2]</i>	N/A	Must meet the following requirements for key activities listed below <i>[if applicable, out of the key activities in the first column of this 4.2 b), list key activities (volume, number or rate of production as applicable) and the corresponding minimum requirements that have to be met by one member,</i>	Form EXP – 4.2 (b)

<sup>4</sup> Substantial completion shall be based on 80% or more works completed under the contract.

<sup>5</sup> For contracts under which the Applicant participated as a joint venture member or sub-contractor, only the Applicant's share, by value, and role and responsibilities shall be considered to meet this requirement.

<sup>6</sup> In the case of JV, the value of contracts completed by its members shall not be aggregated to determine whether the requirement of the minimum value of a single contract has been met. Instead, each contract performed by each member shall satisfy the minimum value of a single contract as required for single entity. In determining whether the JV meets the requirement of total number of contracts, only the number of contracts completed by all members each of value equal or more than the minimum value required shall be aggregated.

<sup>7</sup> Volume, number or rate of production of any key activity can be demonstrated in one or more contracts combined if executed during same time period.

Eligibility and Qualification Criteria			Compliance Requirements				Document/ Form
No.	Subject	Requirement	Single Entity	Joint Venture (existing or intended)			Submission Requirement
				All Members Combined	Each Member	One Member	
		<i>basis of either the average during the entire specified period OR the rate of annual production in any 12-month period in the specified period,]<sup>8</sup></i>				<i>otherwise this cell should state: "N/A".]</i>	
4.3 (a)	Specific Management Experience in supply of goods	<p>(i) A minimum number of <i>[state the number]</i> similar contracts specified below that have been satisfactorily and substantially<sup>9</sup> completed as a prime supplier, joint venture member<sup>10</sup>, management contractor or subcontractor between 1st January <i>[insert year]</i> and Application submission deadline:</p> <p>The similarity of the contracts shall be based on the following: <i>[Based on Section VII, Scope of goods contracts, specify the minimum key requirements in terms of physical size, complexity, construction method, technology and/or other characteristics including part of the requirements that may be met by Specialized Subcontractors, if permitted in accordance with ITA 25.2]</i></p>	Must meet requirement	Must meet requirement <sup>11</sup>	N/A	Must meet the following requirements for the key activities listed below <i>[list key activities and the corresponding minimum requirements to be met by one member otherwise state: "N/A"]</i>	Form EXP 4.3(a)
4.3 (b)		For the above and any other contracts [substantially completed and under implementation] as prime supplier, joint venture member, or sub-contractor between 1st January	Must meet requirements <i>[Specify activities that may be met]</i>	Must meet requirements <i>[Specify activities]</i>	N/A	Must meet the following requirements for key activities listed	Form EXP – 4.2 (b)

<sup>8</sup> The minimum experience requirement for multiple contracts will be the sum of the minimum requirements for respective individual contracts, unless specified otherwise.

<sup>9</sup> Substantial completion shall be based on 80% or more works completed under the contract.

<sup>10</sup> For contracts under which the Applicant participated as a joint venture member or sub-contractor, only the Applicant's share, by value, and role and responsibilities shall be considered to meet this requirement.

<sup>11</sup> In the case of JV, the value of contracts completed by its members shall not be aggregated to determine whether the requirement of the minimum value of a single contract has been met. Instead, each contract performed by each member shall satisfy the minimum value of a single contract as required for single entity. In determining whether the JV meets the requirement of total number of contracts, only the number of contracts completed by all members each of value equal or more than the minimum value required shall be aggregated.

Eligibility and Qualification Criteria			Compliance Requirements				Document/ Form
No.	Subject	Requirement	Single Entity	Joint Venture (existing or intended)			Submission Requirement
				All Members Combined	Each Member	One Member	
		<p><i>[insert year]</i> and Application submission deadline, a minimum construction experience in the following key activities successfully completed<sup>12</sup>: <i>[list key activities indicating volume, number or rate of production as applicable.</i></p> <p><i>Under 4.3(a), specified requirements define similarity of contracts, whereas the key activities or production rates to be specified under 4.2 (b) define the required capability of the Applicant to execute the Works. There shall not be any inconsistency or repetition of requirement between 4.3(a) and 4.3(b). For the rate of production, specify that the rate of production shall be on the basis of either the average during the entire specified period OR the rate of annual production in any 12-month period in the specified period,</i><sup>13</sup></p>	<i>through a specialized subcontractor, if permitted in accordance with ITA 25.2]</i>	<i>that may be met through a Specialized Subcontract or, if permitted in accordance with ITA 25.2 ]</i>		<i>below [if applicable, out of the key activities in the first column of this 4.3 b), list key activities (volume, number or rate of production as applicable) and the corresponding minimum requirements that have to be met by one member, otherwise this cell should state: “N/A”.]</i>	

<sup>12</sup> Volume, number or rate of production of any key activity can be demonstrated in one or more contracts combined if executed during same time period.

<sup>13</sup> The minimum experience requirement for multiple contracts will be the sum of the minimum requirements for respective individual contracts, unless specified otherwise.



## **SECTION IV- APPLICATION FORMS**

### **1. Application Submission Letter**

Date: .....[insert day, month, and year]

ITT No. and title: ..... [insert ITT number and title]

To: .....[insert full name of Procuring Entity] We, the undersigned, apply to be prequalified for the referenced ITT and declare that:

- a) No reservations: We have examined and have no reservations to the Prequalification Document, including Addendum(s) No(s), issued in accordance with ITA 8: *[insert the number and issuing date of each addendum]*.
- b) No conflict of interest: We have no conflict of interest in accordance with ITA 5.7;
- c) Eligibility: We (and our subcontractors) meet the eligibility requirements as stated ITA 5, we have not been suspended by the Procuring Entity based on execution of a Tender/Proposal-Securing Declaration in accordance with ITA 5.8;

Suspension and Debarment: We, along with any of our subcontractors, suppliers, consultants, manufacturers, or service providers for any part of the contract, are not subject to, and not controlled by any entity or individual that is subject to, a temporary suspension or a debarment imposed by the PPRA. Further, we are not ineligible under the Kenya laws or official regulations or pursuant to a decision of the United Nations Security Council;

State-owned enterprise or institution: *[select the appropriate option and delete the other]*  
*[We are not a state- owned enterprise or institution] / [We are a state-owned enterprise or institution but meet the requirements of ITA5.9];*

- f) Subcontractors and Specialized Subcontractors: We, in accordance with ITA 24.2 and 25.2, plan to subcontract the following key activities and/or parts of the works or supply contracts: ..... *[Insert any of the key activities identified in Section III-4.2 (a)or(b) or 4.3(a) or (b) which the Procuring Entity has permitted under the Prequalification Document and which the Applicant intends to subcontract along with complete details of the Specialized Subcontractors, their qualification and experience]*
- g) Commissions, gratuities, fees: We declare that the following commissions, gratuities, or fees have been paid or are to be paid with respect to the prequalification process, the corresponding Tendering process or execution of the Contract:

<u>Name of Recipient</u>	<u>Address</u>	<u>Reason</u>	<u>Amount</u>
<i>[insert full name for each occurrence]</i>	<i>[insert street/ number/ city/ country]</i>	<i>[indicate reason]</i>	<i>[specify amount currency, value, exchange rate and KENYA SHILLING equivalent]</i>
_____	_____	_____	_____
_____	_____	_____	_____
_____	_____	_____	_____
_____	_____	_____	_____

*[If no payments are made or promised, add the following statement: "No commissions or gratuities have been or are to be paid by us to agents or any third party relating to this Application"]*

- (h) Not bound to accept: We understand that you may cancel the prequalification process at any time and that you are neither bound to accept any Application that you may receive nor to invite the prequalified Applicants to Tender for the contract subject of this Prequalification process, without incurring any liability to the Applicants, in accordance with ITA 26.1.
- (i) True and correct: All information, statements and description contained in the Application are in all respect true, correct and complete to the best of our knowledge and belief.

Signed.....*[insert signature(s) of an authorized representative(s) of the Applicant]*

Name .....*[insert full name of person signing the Application]*  
In the capacity of ..... *[insert capacity of person signing the Application]*

Duly authorized to sign the Application for and on behalf of: Applicant's  
Name..... *[insert full name of Applicant or the name of the JV]*

Address ..... *[insert street number/town or city/country address]*

Dated on .....*[insert day number] day of [insert month], [insert year]*

*[For a joint venture, either all members shall sign or only the authorized representative, in which case the power of attorney to sign on behalf of all members shall be attached]*

## 2. Form ELI -1.1 - Applicant Information Form

Date: ..... *[insert day, month, year]*

ITT No. and title: ..... *[insert ITT number and title]*

Page.....*[insert page number]* of *[insert total number]* pages

Applicant's name <i>[insert full name]</i>
In case of Joint Venture (JV), name of each member: <i>[insert full name of each member in JV]</i>
Applicant's actual or intended country of registration: <i>[indicate country of Constitution]</i>
Applicant's actual or intended year of incorporation: <i>[indicate year of Constitution]</i>
Applicant's legal address [in country of registration]: <i>[insert street/ number/ town or city/ country]</i>
Applicant's authorized representative information Name: <i>[insert full name]</i> Address: <i>[insert street/ number/ town or city/ country]</i> Telephone/Fax numbers: <i>[insert telephone/fax numbers, including country and city codes]</i> E-mail address: <i>[indicate e-mail address]</i>
1. Attached are copies of original documents of <input type="checkbox"/> Articles of Incorporation (or equivalent documents of constitution or association), and/or documents of registration of the legal entity named above, in accordance with ITA 5.6. <input type="checkbox"/> In case of JV, letter of intent to form JV or JV agreement, in accordance with ITA 5.3. <input type="checkbox"/> In case of state-owned enterprise or institution, in accordance with ITA 5.9 documents establishing: Legal and financial autonomy Operation under commercial law Establishing that the Applicant is not under supervision of the Procuring Entity 2. Included are the organizational chart, a list of Board of Directors, and the beneficial ownership.



### 3. Form ELI-1.2 - Applicant's JV Information Form

*[The following form is additional to Form ELI-1.1., and shall be completed to provide information relating to each JV member (incase the Applicant is a JV) as well as any Specialized Subcontractor proposed to be used by the Applicant for any part of the Contract resulting from this prequalification]*

Date: ..... *[insert day, month, year]*

ITT No. and title: ..... *[insert ITT number and title]*

Page.....*[insert page number]* of *[insert total number]* pages

Applicant name: <i>[insert full name]</i>
Applicant's JV Member's name: <i>[insert full name of Applicant's JV Member]</i>
Applicant's JV Member's country of registration: <i>[indicate country of registration]</i>
Applicant JV Member's year of constitution: <i>[indicate year of constitution]</i>
Applicant JV Member's legal address in country of constitution: <i>[insert street/ number/ town or city/ country]</i>
Applicant JV Member's authorized representative information Name: <i>[insert full name]</i> Address: <i>[insert street/ number/ town or city/ country]</i> Telephone/Fax numbers: <i>[insert telephone/fax numbers, including country and city codes]</i> E-mail address: <i>[indicate e-mail address]</i>
1. Attached are copies of original documents of <input type="checkbox"/> Articles of Incorporation (or equivalent documents of constitution or association), and/or registration documents of the legal entity named above, in accordance with ITA 5.6 <input type="checkbox"/> In case of a state-owned enterprise or institution, documents establishing legal and financial autonomy, operation in accordance with commercial law, and they are not under the supervision of the Procuring Entity, in accordance with ITA 5.9. 2. Included are the organizational chart, a list of Board of Directors, and the beneficial ownership.

#### 4. Form CON 2 - Historical Contract Non-Performance, and Pending Litigation and Litigation History

*[The following table shall be filled in for the Applicant and for each member of a Joint Venture]*

Applicant's Name: *[insert full name]*

Date: *[insert day, month, year]*

Joint Venture Member's Name: *[insert full name]*

ITT No. and title: *[insert ITT number and title]*

Page *[insert page number]* of *[insert total number]* pages

Non-Performed Contracts in accordance with Section III, Qualification Criteria and Requirements			
<input type="checkbox"/> Contract non-performance did not occur since 1 <sup>st</sup> January <i>[insert year]</i> specified in Section III, Qualification Criteria and Requirements, Sub-Factor 2.1.			
<input type="checkbox"/> Contract(s) not performed since 1 <sup>st</sup> January <i>[insert year]</i> specified in Section III, Qualification Criteria and Requirements, requirement 2.1			
Year	Non-performed portion of contract	Contract Identification	Total Contract Amount (current value, currency, exchange rate and KENYA SHILLING equivalent)
<i>[insert year]</i>	<i>[insert amount and percentage]</i>	Contract Identification: <i>[indicate complete contract name/ number, and any other identification]</i> Name of Procuring Entity: <i>[insert full name]</i> Address of Procuring Entity: <i>[insert street/ city/ country]</i> Reason(s) for nonperformance: <i>[indicate main reason(s)]</i>	<i>[insert amount]</i>
Pending Litigation, in accordance with Section III, Qualification Criteria and Requirements			
<input type="checkbox"/> No pending litigation in accordance with Section III, Qualification Criteria and Requirements, Sub-Factor 2.3.			
<input type="checkbox"/> Pending litigation in accordance with Section III, Qualification Criteria and Requirements, Sub-Factor 2.3 as indicated below.			
Year of dispute	Amount in dispute (currency)	Contract Identification	Total Contract Amount (currency), USD Equivalent (exchange rate)
<i>insert year]</i>	<i>[insert amount]</i>	Contract Identification: <i>[indicate complete contract name, number, and any other identification]</i> Name of Procuring Entity: <i>[insert full name]</i> Address of Procuring Entity: <i>[insert street/ city/ country]</i> Matter in dispute: <i>[indicate main issues in dispute]</i> Party who initiated the dispute: <i>[indicate "Procuring Entity" or "Contractor"]</i> Status of dispute: <i>[Indicate if it is being treated by the Adjudicator, under Arbitration or being dealt with by the Judiciary]</i>	<i>[insert amount]</i>
Litigation History in accordance with Section III, Qualification Criteria and Requirements			

<input type="checkbox"/> No Litigation History in accordance with Section III, Qualification Criteria and Requirements, Sub-Factor 2.4. <input type="checkbox"/> Litigation History in accordance with Section III, Qualification Criteria and Requirements, Sub-Factor 2.4 as indicated below.			
Year of award	Outcome as percentage of Net Worth	Contract Identification	Total Contract Amount (currency), USD Equivalent (exchange rate)
<i>[insert year]</i>	<i>[insert percentage]</i>	Contract Identification: <i>[indicate complete contract name, number, and any other identification]</i> Name of Procuring Entity: <i>[insert full name]</i> Address of Procuring Entity: <i>[insert street/ city/ country]</i> Matter in dispute: <i>[indicate main issues in dispute]</i> Party who initiated the dispute: <i>[indicate "Procuring Entity" or "Contractor"]</i> Reason(s) for Litigation and award decision <i>[indicate main reason(s)]</i>	<i>[insert amount]</i>

## 5. Form FIN – 3.1 - Financial Situation and Performance

### Financial Situation and Performance

*[The following table shall be filled in for the Applicant and for each member of a Joint Venture]*

Applicant's Name: ..... *[insert full name]*

Date: ..... *[insert day, month, year]*

Joint Venture Member Name: ..... *[insert full name]*

ITT No. and title: ..... *[insert ITT number and title]*

Page..... *[insert page number]* of *[insert total number]* pages

#### 1. Financial data

Type of Financial information in (currency)	Historic information for previous <i>[insert number]</i> years, <i>[insert in words]</i> (amount in currency, currency, exchange rate*, USD equivalent)				
	Year 1	Year 2	Year 3	Year4	Year 5
Statement of Financial Position (Information from Balance Sheet)					
Total Assets (TA)					
Total Liabilities (TL)					
Total Equity/Net Worth (NW)					
Current Assets (CA)					
Current Liabilities (CL)					
Working Capital (WC)					
Information from Income Statement					
Total Revenue (TR)					
Profits Before Taxes (PBT)					
Cash Flow Information					
Cash Flow from Operating Activities					

\* Refer ITA 14 for the exchange rate

## 5.2 Sources of Finance

*[The following table shall be filled in for the Applicant and all parties combined in case of a Joint Venture]*

Specify sources of finance to meet the cash flow requirements on works currently in progress and for future contract commitments.

No.	Source of finance	Amount (Kenya shilling equivalent)
1		
2		
3		

## 5.3 Financial documents

The Applicant and its parties shall provide copies of financial statements for *[number]* years pursuant Section III, Qualifications Criteria and Requirements, Sub-factor 3.1. The financial statements shall:

- a) reflect the financial situation of the Applicant or in case of JV member, and not an affiliated entity (such as parent company or group member).
  - b) Be independently audited or certified in accordance with local legislation.
  - c) Be complete, including all notes to the financial statements.
  - d) Correspond to accounting periods already completed and audited.
- ☐ Attached are copies of financial statements<sup>1</sup> for the *[number]* years required above; and complying with the requirements

<sup>1</sup>If the most recent set of financial statements is for a period earlier than 12 months from the date of Application, the reason for this should be justified.

## 6 Form FIN - 3.2 - Average Annual Construction or Supply Contracts

### Turnover

*[The following table shall be filled in for the Applicant and for each member of a Joint Venture]*

Applicant's Name: ..... *[insert full name]*

Date: ..... *[insert day, month, year]*

Joint Venture Member Name: ..... *[insert full name]*

ITT No. and title: *[insert ITT number and title]*

Page.....*[insert page number]* of .....*[insert total number]* pages

Table A (Complete if Contractor)

Annual turnover data (construction only)			
Year	Amount Currency	Exchange rate*	USD equivalent
<i>[indicate calendar year]</i>	<i>[insert amount and indicate currency]</i>		
		Average Annual Construction Turnover **	

\* Refer ITA 14 for date and source of exchange rate.

\*\* Total Kenya shilling equivalent for all years divided by the total number of years. See Section III, Qualification Criteria and Requirements, 3.2.

**Table B (Complete if Supplier)**

Annual turnover data (Supply contracts)			
Year	Amount Currency	Exchange rate*	USD equivalent
<i>[indicate calendar year]</i>	<i>[insert amount and indicate currency]</i>		
		Average Annual Construction Turnover **	

Refer ITA 15 for date and source of exchange rate.

\*\* Total Kenya shilling equivalent for all years divided by the total number of years. See Section III, Qualification Criteria and Requirements, 3.2.



## 7 Form EXP - 4.1 - General Construction or Supply or service Contract Experience (Select one)

*[The following table shall be filled in for the Applicant and in the case of a JV Applicant, each Member]*

Applicant's Name: *[insert full name]*

Date: ..... *[insert day, month, year]*

Joint Venture Member Name: ..... *[insert full name]*

ITT No. and title: ..... *[insert ITT number and title]*

Page ..... *[insert page number]* of *[insert total number]* pages

*[Identify contracts that demonstrate continuous construction work over the past [number] years pursuant to Section III, Qualification Criteria and Requirements, Sub-Factor 4.1. List contracts chronologically, according to their commencement (starting) dates.]*

Starting Year	Ending Year	Contract Identification	Role of Applicant
<i>[indicate year]</i>	<i>[indicate year]</i>	Contract name: <i>[insert full name]</i> Brief Description of the Works performed by the Applicant: <i>[describe works performed briefly]</i> Amount of contract: <i>[insert amount in currency, mention currency used, exchange rate and KENYA SHILLING equivalent*]</i> Name of Procuring Entity: <i>[indicate full name]</i> Address: <i>[indicate street/number/town or city/country]</i>	<i>[insert "Prime Contractor" or "JV Member" or "Sub-contractor" or "Management Contractor"]</i>
		Contract name: <i>[insert full name]</i> Brief Description of the Works performed by the Applicant: <i>[describe works performed briefly]</i> Amount of contract: <i>[insert amount in currency, mention currency used, exchange rate and KENYA SHILLING equivalent*]</i> Name of Procuring Entity: <i>[indicate full name]</i> Address: <i>[indicate street/number/town or city/country]</i>	<i>[insert "Prime Contractor" or "JV Member" or "Sub-contractor" or "Management Contractor"]</i>
		Contract name: <i>[insert full name]</i> Brief Description of the Works performed by the Applicant: <i>[describe works performed briefly]</i> Amount of contract: <i>[insert amount in currency, mention currency used, exchange rate and Kenya shillings equivalent*]</i> Name of Procuring Entity: <i>[indicate full name]</i> Address: <i>[indicate street/number/town or city/country]</i>	<i>[insert "Prime Contractor" or "JV Member" or "Sub-contractor" or "Management Contractor"]</i>

\* Refer ITA 15 for date and source of exchange rate.

## 8 Form EXP - 4.2(a) - Specific Construction and Contract Management Experience or Supply or service Contract Experience (*Select one*)

*[The following table shall be filled in for contracts performed by the Applicant, each member of a Joint Venture, and Specialized Sub-contractors]*

Applicant's Name: ..... *[insert full name]*

Date: ..... *[insert day, month, year]*

Joint Venture Member Name: ..... *[insert full name]*

ITT No. and title: ..... *[insert ITT number and title]*

Page..... *[insert page number]* of..... *[insert total number]* pages

Similar Contract No. <i>[insert number] of [insert number of similar contracts required]</i>	Information			
Contract Identification	<i>[insert contract name and number, if applicable]</i>			
Award date	<i>[insert day, month, year, e.g., 15 June, 2015]</i>			
Completion date	<i>[insert day, month, year, e.g., 03 October, 2017]</i>			
Role in Contract <i>[check the appropriate box]</i>	Prime Contractor <input type="checkbox"/>	Member in JV <input type="checkbox"/>	Management Contractor <input type="checkbox"/>	Sub-contractor <input type="checkbox"/>
Total Contract Amount	<i>[insert total contract amount in local currency]</i>		KENYA SHILLING <i>[insert Exchange rate and total contract amount in KENYA SHILLING equivalent] *</i>	
If member in a JV or sub-contractor, specify share in value in total Contract amount and roles and responsibilities	<i>[insert a percentage amount]</i>	<i>[insert total contract amount in local currency]</i>	<i>[insert exchange rate and total contract amount in KENYA SHILLING equivalent] *</i>	
	<i>[insert roles and responsibilities]</i>			
Procuring Entity's Name:	<i>[insert full name]</i>			
Address:	<i>[indicate street / number / town or city / country]</i>			
Telephone/fax number	<i>[insert telephone/fax numbers, including country and city area codes]</i>			
E-mail:	<i>[insert e-mail address, if available]</i>			

**9 Form EXP - 4.2(a) (cont.) - Specific Construction and/or Contract Management Experience (cont.)**

<b>Similar Contract No. [insert number] of [insert number of similar contracts required]</b>	<b>Information</b>
Description of the similarity in accordance with Sub- Factor 4.2(a) of Section III:	
1. Amount	<i>[insert amount in local currency, exchange rate, KENYA SHILLING in words and in Figures]</i>
2. Physical size of required works items	<i>[insert physical size of items]</i>
3. Complexity	<i>[insert description of complexity]</i>
4. Methods/Technology	<i>[insert specific aspects of the methods/technology involved in the contract]</i>
5. Construction rate for key activities	<i>[insert rates and items]</i>
6. Other Characteristics	<i>[insert other characteristics as described in Section VII, Scope of Works]</i>

**10 Form EXP - 4.2(b) - Construction Experience or Supply or service contract in Key Activities (select one)**

Applicant's Name: ..... *[insert full name]*

Date: ..... *[insert day, month, year]*

Applicant's JV Member's Name: ..... *[insert full name]*

Sub-contractor's Name..... (as per ITA 24.2 and 24.3): *[insert full name]*

ITT No. and title: ..... *[insert ITT number and title]*

Page.....*[insert page number]* of..... *[insert total*

*number]* pages

All Sub-contractors for key activities must complete the information in this form as per ITA 24.2 and 24.3 and Section III, Qualification Criteria and Requirements, 4.2.

1. Key Activity No. One: *[insert brief description of the Activity, emphasizing its specificity]* Total Quantity of Activity under the contract: \_\_\_\_\_

	<b>Information</b>			
Contract Identification	<i>[insert contract name and number, if applicable]</i>			
Award date	<i>[insert day, month, year, e.g., 15 June, 2015]</i>			
Completion date	<i>[insert day, month, year, e.g., 03 October, 2017]</i>			
Role in Contract <i>[check the appropriate box]</i>	Prime Contractor <input type="checkbox"/>	Member in JV <input type="checkbox"/>	Management Contractor <input type="checkbox"/>	Sub-contractor <input type="checkbox"/>
Total Contract Amount	<i>[insert total contract amount in contract currency(ies)]</i>		KENYA SHILLING <i>[insert exchange rate and total contract amount in KENYA SHILLING equivalent]</i>	
Quantity (Volume, number or rate of production, as applicable) performed under the contract per year or part of the year <i>[Insert extent of participation indicating actual quantity of key activity successfully completed in the role performed]</i>	Total quantity in the contract (i)	Percentage participation (ii)		Actual Quantity Performed (i) x (ii)
Year 1				
Year 2				
Year 3				
Year 4				
Procuring Entity's Name:	<i>[insert full name]</i>			

Address:	<i>[indicate street / number / town or city / country]</i>
Telephone/fax number	<i>[insert telephone/fax numbers, including country and city area codes]</i>
E-mail:	<i>[insert e-mail address, if available]</i>

2. Activity No.

Two 3.

.....

	Information
Description of the key activities in accordance with Sub-Factor 4.2(b) of Section III:	
	<i>[insert response to inquiry indicated in left column]</i>

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## **PART 2 - GOODS REQUIREMENTS**

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## SECTION V – TERMS OF REFERENCE (TOR) AND SCOPE OF GOODS REQUIRED

### Introduction

Water Resources Authority (WRA) is a State Corporation established under Sec 11 of the Water Act 2016 and designated under Sec 6 of the Act as an agent of the National Government for the regulation of use and management of water resources in the country. WRA is mandated under Sec 12 of the Water Act 2016 to “receive water permit applications for water abstraction, water use and recharge and determine, issue, vary water permits; and enforce the conditions of those permits” Sec 42 of the Act mandates WRA to impose a condition on the water use permit requiring the holder to pay water use charges.

Regulation 77 and 87 of the Water Resources Regulations 2021 (WRR 2021) requires persons holding a water use permit or required to have a permit to install a smart meter at the point of intake in order to monitor abstraction.

WRA has developed the Water Meter Data Management System (WMDMS) to receive smart meter data transmitted from meters installed across the country. However, the installation of the smart meter is the responsibility of the abstractor as per the law.

In order to ensure that the smart meters installed by the abstractors are compatible with the WMDMS, WRA intends to prequalify smart meters suppliers and installers to supply and install smart meters to abstractors on a **“willing buyer – willing seller” basis**. WRA will not participate in the procurement or installation but will configure the meter to transmit data to the WMDMS.

### 1. Technical Specifications for Ultrasonic Water Meters

Minimum Specifications	Bidder's Response
<ul style="list-style-type: none"><li>• <b>Application:</b> Metering of Raw Water.</li><li>• <b>Measuring principle:</b> Transit-in-time Technology or Doppler effect.</li><li>• <b>General:</b> No straight line required; No measurement of air; Insensitive to scale &amp; sand.</li><li>• <b>Certifications:</b><ul style="list-style-type: none"><li>❖ ISO 9001:2015; ISO 14001:2015; BS OHSAS 18001:2007 certification/NABL Certification required.</li><li>❖ Type approval certificate according to ISO 4064:2014 and OIML R49: 2006/NABL Certification</li><li>❖ MID/NABL certification</li><li>❖ Manufacturer's Authorization to sell</li><li>❖ KEBS certificate - Shall be optional if above requirements are met</li><li>❖ Manufacturer's Calibration Certificate</li></ul></li><li>• <b>Measurement Accuracy:</b> %+/- 0.5 of indicated value.</li><li>• <b>Components in contact with medium:</b><ul style="list-style-type: none"><li>❖ Coupling housing - Lead-free brass, UBA conformity for screw thread / brass, UBA conformity for flange housing</li><li>❖ Measuring insert- Plastic, KTW conformity</li><li>❖ O-Rings – EPDM as per EN 681 standard</li><li>❖ Locating studs - PES / PPS glass-fibre reinforced</li><li>❖ Reflectors - Special steel, stainless</li><li>❖ Ultrasonic transducers- Composite Transducers for long durability in the field</li></ul></li><li>• <b>MID approval:</b> Min R200 Max R800; EMC data -MID class E1</li></ul>	

Size (mm)	15	20	25	32	40	50	65
R	R800	R800	R800	R800	R800	R800	R800
Q <sub>3</sub> (m <sup>3</sup> /h)	2.5	4	6.3	10	16	25	40
Q <sub>1</sub> (l/h)	3.125	5	7.875	12.5	20	31.25	50
Q <sub>2</sub> (l/h)	5	8	12.6	20	32	50	80
Q <sub>4</sub> (m <sup>3</sup> /h)	3.125	5	7.875	12.5	20	31.25	50

Size (mm)	80	100	150	200	250	300
R	R800	R800	R800	R800	R800	R800
Q <sub>3</sub> (m <sup>3</sup> /h)	63	100	160	250	400	630
Q <sub>1</sub> (l/h)	78.75	125	200	312.5	500	787.5
Q <sub>2</sub> (l/h)	126	200	320	500	800	1260
Q <sub>4</sub> (m <sup>3</sup> /h)	78.75	125	200	312.5	500	787.5

- Metrological class - OIML R 49 class 2
- Ambient class - OIML R 49 class C
- **Material:**
  - ❖ Flow tube: SS304/SS316/MS/Carbon Steel/UV resistant Plastic (for DN 15-DN25)
  - ❖ Flange/Thread: MS/CS/SS316/SS304
- **Process Temperature:** -20°C to +85°C
- **Ambient Humidity:** 5 -100% RH (Relative Humidity)
- **Working Pressure:** ≥10bar.
- **Mounting position:** In Line-Horizontal/Vertical position
- **Degree of protection (IP):** IP65 (Integral type); IP67, IP68(Suitable for remote type)
- **Line size:** 15mm to 2000mm
- **Connection:** Threaded for 15mm to 40mm and Flange connection for size 50mm and above
- **Output:** Pulse/Open collector pulse/4-20mA DC
- **Error reporting**

Errors are shown in the display as long as they exist. If an error exists for longer than 15 min., it is shown as an alarm and saved in the event log.

- ❖ Electronic error, the meter must be replaced.
- ❖ Medium temperature too high or too low (< 3 °C / > 90 °C)
- ❖ Hardware error, ultrasonic transducer defective or short-circuit
- ❖ Communication not possible (too frequent reading over optical interface)
- ❖ Air in supply system, flow rate measurement not possible
- ❖ Overload flow rate (meter size possibly too small)
- **Alarms**
  - ❖ Reverse flow



- ❖ No usage (over a certain period, configurable)
- ❖ Failure of ultrasonic or temperature measuring
- ❖ Leakage (configurable to user profile)
- ❖ Low medium temperature (< 3 °C)
- ❖ Air in pipe system, no flow rate measurement
- ❖ Battery too low
- ❖ Overload flow rate (meter size possibly too small)

- **Power supply**

- ❖ Power supply shall be through an inbuilt battery with the following specs;
  - 3.6V Lithium Ion, at least 19AH.
  - Min 4 years life on 24hour interval transmission for General Packet Radio Service- GPRS/Global System for Mobile Communications (GSM) enabled meters and 8 years for Radio frequency (RF) enabled meters.
- ❖ In case of rechargeable batteries/mains operated meters, the necessary charging tools/power adaptors shall accompany the supplied meter/meters.

- **Electronics**

- ❖ The meter Electronics shall either be Integral or Remote.
- ❖ In case of Remote electronics, the remote cable length shall be no less than **10meters**.

- **Communication Interfaces**

- ❖ RS 485/RS 232 (Modbus Remote transmission unit must accompany the meter)- Provide Modbus registers.
- ❖ GPRS/GSM
- ❖ RF/Long Range (LORA)/- with appropriate concentrators. (One concentrator to accommodate no less than 300 devices within 1km radius)-Band 865 ÷ 870 MHz, channel plan EU863-870
- ❖ Long Power Wide Area Network (LPWAN)- Wireless reading transmission at long-range: 10+ km in urban, 30+ km in rural environment
- ❖ LORAWAN,
- ❖ Sigfox- Sigfox classification Class zero or equal and approved standard Sigfox radio zone RC1, 868 MHz, 14 dBm
- ❖ Narrow Band-Internet of Things (NB-IoT)-800MHz
- ❖ Highway Addressable Remote Transducer (HART) protocol
- ❖ All communication frequencies shall be guided by approved Communications Authority of Kenya (CAK) bandwidth guidelines. The frequencies shall also be compatible with available bandwidths in Kenya.
- ❖ The preferred communication interfaces shall not be prone to interference from basic protection structures on the metering devices. Battery consumption shall be as schedule 1 on battery specification and shall not be affected by any other factors other than the ones specified above.
- ❖ Restful Application Programming Interface (API) must be provided for data sharing to other platforms

- **Display**

Digital display with the following parameters

- ❖ LCD display 8 digit
- ❖ Alarms- Tamper detection, Battery status, Communication status and any other alarms as desired by the procuring entity.
- ❖ Valve status (for meters with inbuilt-remote controlled valves)
- ❖ Flow status/rate
- ❖ Totalizer
- ❖ Flow direction
- ❖ Night backlight
- ❖ Automatic on/off

<ul style="list-style-type: none"> <li>• <b>Data Logging &amp; Storage</b> <ul style="list-style-type: none"> <li>❖ The smart water meter and the Data logger need to store data in case there is challenge with communication and send the data later when network available Data logging capacity shall be less than 1 year on a daily transmission plan.</li> <li>❖ Data can be manually downloaded using HART-USB cable or RS485/RS232 USB cable to a computer. Software for data download to be freely available. Data should be in friendly format (CSV, Excel, text, XML) for uploading to the Meter Data Management System (MDMS)</li> <li>❖ The Procuring entity shall have full rights to the meter data without any reliance whatsoever on the manufacturer. In the event the manufacture has access to the meter data, it shall only be for backup purposes.</li> </ul> </li> </ul>	
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## 2. Technical Specifications for Electromagnetic Flow Meters

Actual Specifications	Bidder's Response
<ul style="list-style-type: none"> <li>• <b>Application:</b> Metering of Raw/Portable and waste Water.</li> <li>• <b>Certifications:</b> <ul style="list-style-type: none"> <li>❖ ISO 9001:2015; ISO 14001:2015; BS OHSAS ISO 9001:2015; ISO 14001:2015; BS OHSAS 18001:2007 certification required.</li> <li>❖ Type approval certificate according to ISO 4064:2014 and OIML R49: 2006. NABL Certification</li> <li>❖ MID/NABL certification</li> <li>❖ Manufacturer's Authorization to sell</li> <li>❖ KEBS certificate - Shall be optional if above requirements are met</li> <li>❖ Manufacturer's Calibration Certificate</li> </ul> </li> <li>• <b>Measurement Accuracy:</b> %+/- 0.5 of indicated value.</li> <li>• <b>Construction:</b> Full bore</li> <li>• <b>Material:</b> <ul style="list-style-type: none"> <li>• Lining: Neoprene Rubber/Hard rubber/EPDM/PFA/PTFE/CERAMIC</li> <li>• Flange: MS/CS/SS316/SS304</li> <li>• Electrode: SS316L/Hastelloy C/Platinum/Tantalum</li> <li>• Coil housing: MS/SS</li> </ul> </li> <li>• <b>Process Temperature:</b> -20°C to +85°C for rubber lining or -20°C to +220°C for PTFE lining</li> <li>• <b>Ambient Humidity:</b> 5 -100% RH (Relative Humidity)</li> <li>• <b>Medium Conductivity:</b> ≥10μ/cm</li> <li>• <b>Working Pressure:</b> ≥10bar.</li> <li>• <b>Damping time:</b> Constant</li> <li>• <b>Loss of power:</b> The internal design of the instrument has a power-off clock, which can store 16 drop-out records (10 years).</li> <li>• <b>Mounting position:</b> In Line-Horizontal/Vertical position</li> <li>• <b>Degree of protection (IP):</b> IP65 (Integral type); IP67, IP68(Suitable for remote type)</li> </ul>	

- **Line size:** 15mm to 2000mm
- **Connection:** Threaded for 15mm to 40mm and Flange connection for size 50mm and above
- **Output:** Pulse/Open collector pulse/4-20mA DC
- **Power supply**
  - ❖ For meter size 15mm – 40mm, power supply shall be through an inbuilt battery with the following specs;
    - 3.6V Lithium Ion, at least 19AH.
    - Min 4 years life on 24hour interval transmission for General Packet Radio Service- GPRS/Global System for Mobile Communications (GSM) enabled meters and 8 years for Radio frequency (RF) enabled meters.
  - ❖ For meter sizes above 40mm, power supply shall either be from an inbuilt battery source of above specification or from mains supply 90VAC – 260VAC, 50Hz. Dual power source shall be an added advantage.
  - ❖ In case of rechargeable batteries/mains operated meters, the necessary charging tools/power adaptors shall accompany the supplied meter/meters.
- **Electronics**
  - ❖ The meter Electronics shall either be Integral or Remote.
  - ❖ In case of Remote electronics, the remote cable length shall be no less than **10meters**.
- **Degree of protection (IP):** IP65 (Compact type); IP67, IP68(Suitable for remote type)
- **Communication Interfaces**
  - ❖ RS 485/RS 232 (Modbus Remote transmission unit must accompany the meter)- Provide Modbus registers.
  - ❖ GPRS/GSM
  - ❖ RF/Long Range (LORA)/- with appropriate concentrators. (One concentrator to accommodate no less than 300 devices within 1km radius)-Band 865 Ð 870 MHz, channel plan EU863-870
  - ❖ Long Power Wide Area Network (LPWAN)- Wireless reading transmission at long-range: 10+ km in urban, 30+ km in rural environment
  - ❖ LORAWAN,
  - ❖ Sigfox- Sigfox classification Class zero or equal and approved standard Sigfox radio zone RC1, 868 MHz, 14 dBm
  - ❖ Narrow Band-Internet of Things (NB-IoT)-800MHz
  - ❖ Highway Addressable Remote Transducer (HART) protocol
  - ❖ All communication frequencies shall be guided by approved Communications Authority of Kenya (CAK) bandwidth guidelines. The frequencies shall also be compatible with available bandwidths in Kenya.
  - ❖ The preferred communication interfaces shall not be prone to interference from basic protection structures on the metering devices. Battery consumption shall be as schedule 1 on battery specification and shall not be affected by any other factors other than the ones specified above.
  - ❖ Restful Application Programming Interface (API) must be provided for data sharing to other platforms
- **Display**

Digital display with the following parameters

  - ❖ Alarms- Tamper detection, Battery status, Communication status and any other alarms as desired by the procuring entity.
  - ❖ Valve status (for meters with inbuilt-remote controlled valves)
  - ❖ Flow status
  - ❖ Totalizer

<ul style="list-style-type: none"> <li>❖ Flow direction</li> <li>❖ Night backlight</li> <li>❖ Automatic on/off</li> </ul> <ul style="list-style-type: none"> <li>• <b>Data Logging &amp; Storage</b> <ul style="list-style-type: none"> <li>❖ The smart water meter and the Data logger need to store data in case there is challenge with communication and send the data later when network available Data logging capacity shall be less than 1 year on a daily transmission plan.</li> <li>❖ Data can be manually downloaded using HART-USB cable or RS485/RS232 USB cable to a computer. Software for data download to be freely available. Data should be in friendly format (CSV, Excel, text, XML) for uploading to the Meter Data Management System (MDMS)</li> <li>❖ The Procuring entity shall have full rights to the meter data without any reliance whatsoever on the manufacturer. In the event the manufacture has access to the meter data, it shall only be for backup purposes.</li> </ul> </li> </ul>	
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### **Meter Data Management Platform**

The supplier must demonstrate that the supplied meter can integrate to/with a Meter Data Management Platform (MDMS) managed by WRA HQ and Regional offices. The brief features of the platform are as follows.

- ❖ Must be web-based with no user limit.
- ❖ Must support a dynamic user matrix
- ❖ Consumer/Bulk Meter Telemetry
- ❖ District Meter Area- DMA management with ability to computer water balance
- ❖ Post-pay and prepay meters billing capability
- ❖ API Integration to third party platforms
- ❖ Should support integrations to mpesa and other payment options
- ❖ Smart Valve management
- ❖ Ability to generate tokens for Standard Transfer Specification (STS) prepaid meters
- ❖ Integrates with smart meters from various meter manufacturers.
- ❖ Alarm management
- ❖ Inventory and Objects management
- ❖ Support and Maintenance management
- ❖ Customer Interface
- ❖ SMS/Email integration
- ❖ Must have Mobile application
- ❖ Ability to generate reports and allow for various reports customization.
- ❖ Accommodates other Internet of Things (IoT) devices such as level and quality sensors
- ❖ Data from the smart meters must not go to manufacturer but rather directly to the WRA system.

**FORM NO. 9 BENEFICIAL OWNERSHIP DISCLOSURE FORM**  
**(Amended and issued pursuant to PPRA CIRCULAR No. 02/2022)**

**INSTRUCTIONS TO TENDERERS: DELETE THIS BOX ONCE YOU HAVE COMPLETED THE FORM**

*This Beneficial Ownership Disclosure Form ("Form") is to be completed by the successful tenderer pursuant to Regulation 13 (2A) and 13 (6) of the Companies (Beneficial Ownership Information) Regulations, 2020. In case of joint venture, the tenderer must submit a separate Form for each member. The beneficial ownership information to be submitted in this Form shall be current as of the date of its submission.*

*For the purposes of this Form, a Beneficial Owner of a Tenderer is any natural person who ultimately owns or controls the legal person (tenderer) or arrangements or a natural person on whose behalf a transaction is conducted, and includes those persons who exercise ultimate effective control over a legal person (Tenderer) or arrangement.*

Tender Reference No.: \_\_\_\_\_[insert identification no] Name of the Tender  
 Title/Description: \_\_\_\_\_[insert name of the assignment] to: \_\_\_\_\_[insert complete name of  
 Procuring Entity]

In response to the requirement in your notification of award dated [insert date of notification of  
 award] to furnish additional information on beneficial ownership: [select one option as  
 applicable and delete the options that are not applicable]

I) We here by provide the following beneficial ownership information.

**Details of beneficial ownership**

	Details of all Beneficial Owners		% of shares a person holds in the company Directly or indirectly	% of voting rights a person holds in the company	Whether a person directly or indirectly holds a right to appoint or remove a member of the board of directors of the company or an equivalent governing body of the Tenderer (Yes / No)	Whether a person directly or indirectly exercises significant influence or control over the Company (tenderer) (Yes / No)
1.	Full Name		Directly--- ----- % of shares  Indirectly--- -----% of shares	Directly..... .....% of voting rights  Indirectly----- ----% of voting rights	1. Having the right to appoint a majority of the board of the directors or an equivalent governing body of the Tenderer: Yes -----No----	1. Exercise s significant influence or control over the Company body of the Company (tenderer)  Yes -----No----
	National identity card number or Passport number					
	Personal Identification Number (where applicable)					
	Nationality					
	Date of birth [dd/mm/yyyy]					
	Postal address					
	Residential address					
	Telephone number					
	Email address					
					2. Is this right held directly or indirectly?:  Direct..... .....  Indirect..... .....	2. Is this influence or control exercised directly or indirectly?  Direct.....

Details of all Beneficial Owners		% of shares a person holds in the company Directly or indirectly	% of voting rights a person holds in the company	Whether a person directly or indirectly holds a right to appoint or remove a member of the board of directors of the company or an equivalent governing body of the Tenderer (Yes / No)	Whether a person directly or indirectly exercises significant influence or control over the Company (tenderer) (Yes / No)	
Occupation or profession					Indirect.....	
2.	Full Name		Directly--- ----- % of shares	Directly..... .....% of voting rights	1. Having the right to appoint a majority of the board of the directors or an equivalent governing body of the Tenderer: Yes -----No----	1. Exercise s significant influence or control over the Company body of the Company (tenderer)  Yes -----No----
	National identity card number or Passport number		Indirectly----- -----% of shares	Indirectly----- ----% of voting rights	2. Is this right held directly or indirectly?:  Direct..... .....  Indirect..... .....	2. Is this influence or control exercised directly or indirectly?  Direct.....  Indirect.....
	Personal Identification Number (where applicable)					
	Nationality(ies)					
	Date of birth [dd/mm/yyyy]					
	Postal address					
	Residential address					
	Telephone number					
	Email address					
	Occupation or profession					
3.						
e.						
t.						
c						

II) Am fully aware that beneficial ownership information above shall be reported to the Public Procurement Regulatory Authority together with other details in relation to contract awards and shall be maintained in the Government Portal, published and made publicly available pursuant to Regulation 13(5) of the Companies (Beneficial Ownership Information) Regulations, 2020.(Notwithstanding this paragraph Personally Identifiable Information in line with the Data Protection Act shall not be published or made public). *Note that Personally Identifiable Information (PII) is defined as any information that can be used to distinguish one person from another and can be used to deanonymize previously anonymous data. This information includes National*

*identity card number or Passport number, Personal Identification Number, Date of birth, Residential address, email address and Telephone number.*

III) In determining who meets the threshold of who a beneficial owner is, the Tenderer must consider a natural person who in relation to the company:

- (a) holds at least ten percent of the issued shares in the company either directly or indirectly;
- (b) exercises at least ten percent of the voting rights in the company either directly or indirectly;
- (c) holds a right, directly or indirectly, to appoint or remove a director of the company; or
- (d) exercises significant influence or control, directly or indirectly, over the company.

IV) What is stated to herein above is true to the best of my knowledge, information and belief.

*Name of the Tenderer: .....\*[insert complete name of the Tenderer]\_\_\_*

*Name of the person duly authorized to sign the Tender on behalf of the Tenderer: \*\* [insert complete name of person duly authorized to sign the Tender]*

*Designation of the person signing the Tender: ..... [insert complete title of the person signing the Tender]*

*Signature of the person named above: ..... [insert signature of person whose name and capacity are shown above]*

*Date this ..... [insert date of signing] day of..... [Insert month], [insert year]*

Bidder Official Stamp

**REQUEST FOR REVIEW**

**FORM FOR REVIEW (r.203 (1))**

**PUBLIC PROCUREMENT ADMINISTRATIVE REVIEW BOARD**

**APPLICATION NO.....OF.....20.....**

**BETWEEN**

**.....APPLICANT**

**AND**

**.....RESPONDENT (Procuring Entity)**

Request for review of the decision of the..... (Name of the Procuring Entity of .....dated the...day of .....20.....in the matter of Tender No.....of .....20..... for ..... (Tender description).

**REQUEST FOR REVIEW**

I/We.....,the above named Applicant(s), of address: Physical address.....P. O. Box No..... Tel. No.....Email ....., hereby request the Public Procurement Administrative Review Board to review the whole/part of the above mentioned decision on the following grounds , namely:

- 1.
- 2.

By this memorandum, the Applicant requests the Board for an order/orders that:

- 1.
- 2.

SIGNED ..... (Applicant) Dated on.....day of ...../...20.....

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FOR OFFICIAL USE ONLY Lodged with the Secretary Public Procurement Administrative Review Board on.....day of .....20.....

**SIGNED**

**Board Secretary**